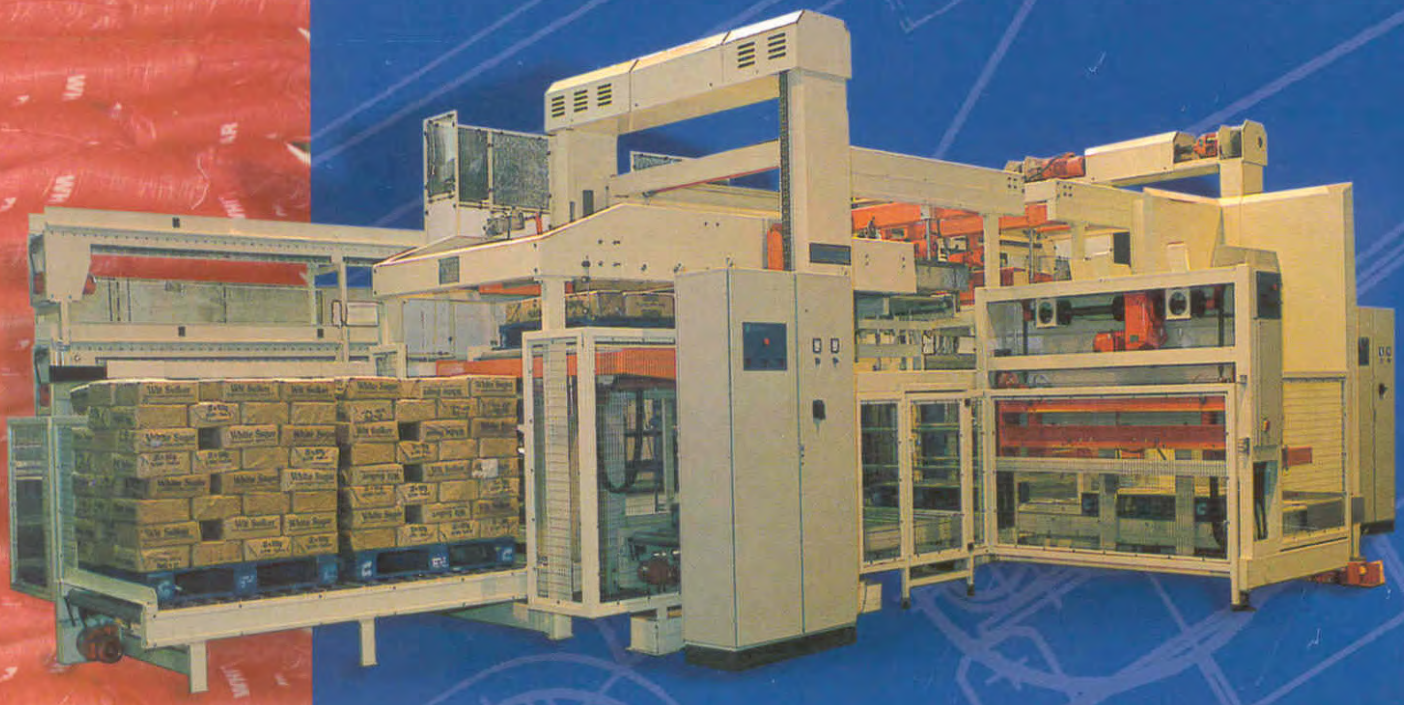
MOLENAAR



LAYER PALLETIZERS

HGM

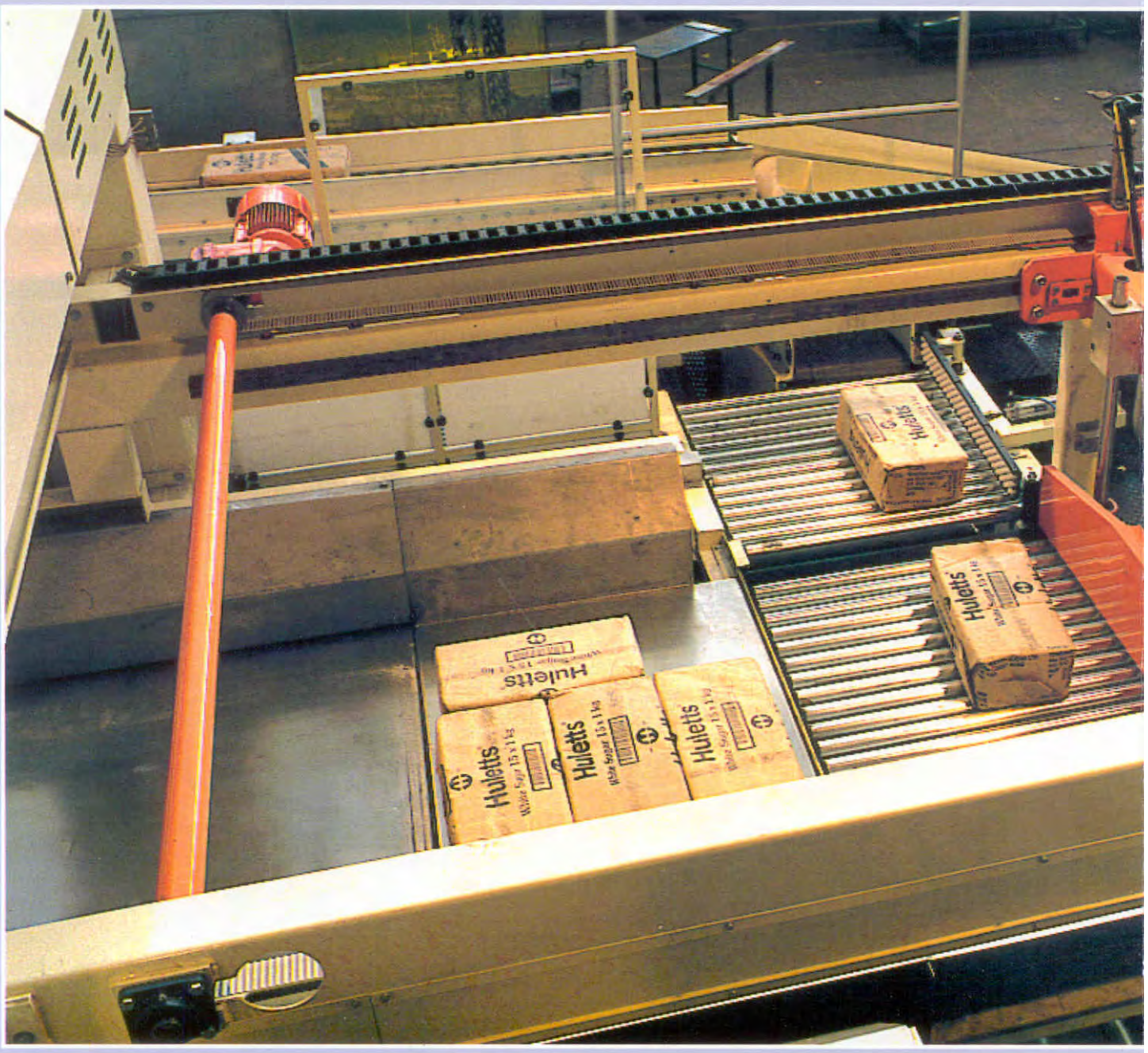
Machine Applications

The conventional palletizer (PC) is designed to have the flexibility to layer palletize a wide range of products including balers, cartons, trays and bags at high speed. The machine design is modular allowing a large range of layout options.

Machine Operation

The PC range of Palletizers offer high, low and multi-level infeed options. The product accumulates on low-pressure roller conveyors and is fed into the pattern forming area in rows as required by the specific pattern. This design allows for all popular pattern configurations.

The pattern is transferred to the pallet by means of single or dual retractable platens whereafter pneumatic or electric devices square the pattern.

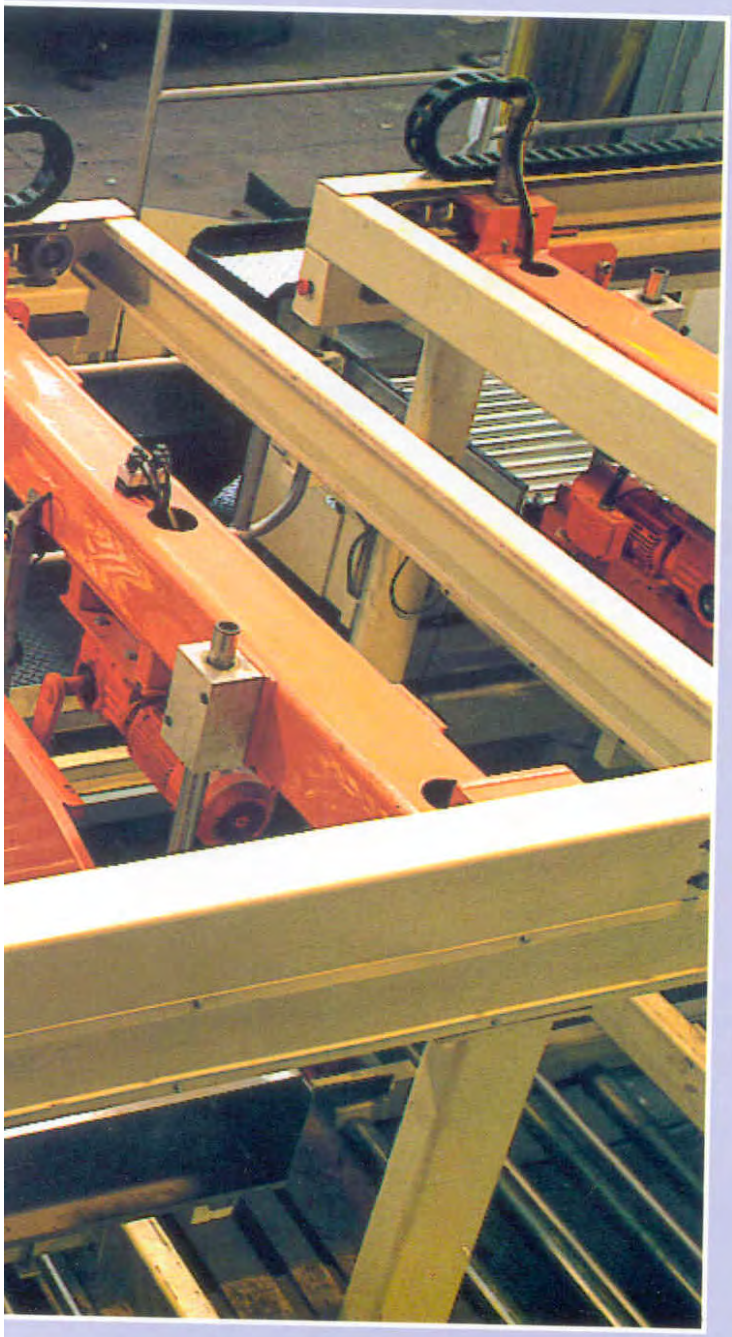


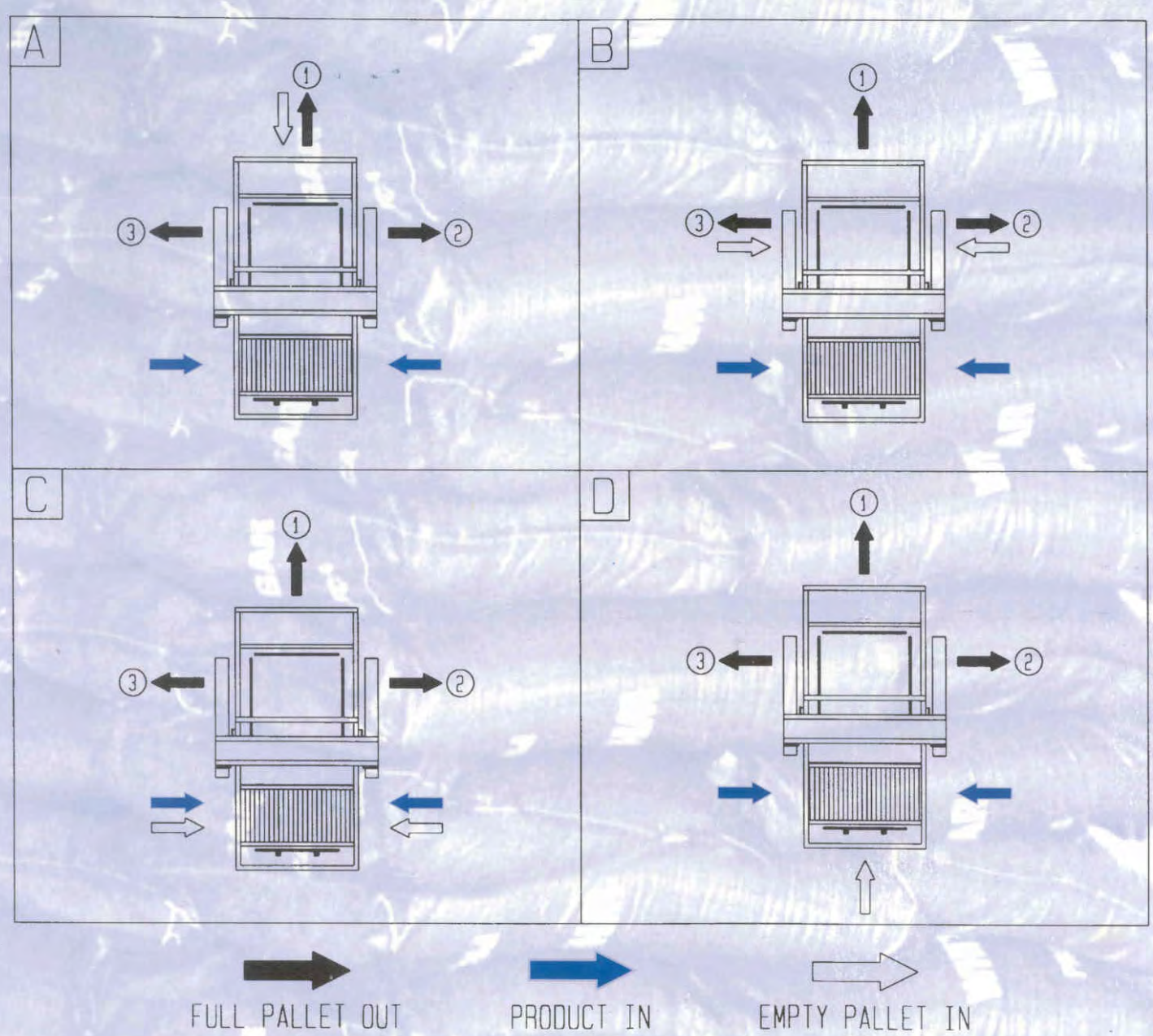
The use of linear bearings reduce noise levels and provide precise and repeatable actions.

A robust two point hoist design incorporates two configurations to allow for mobile pallet or mobile platen options.

Our wide range of pallet handling equipment compliments the hoist design to allow 4 pallet infeed and 3 pallet outfeed directions. An electro pneumatic pallet magazine capable of storing 15 pallets can feed single or multiple machines.

State of the art control wiring incorporating ASI field bus technology reduces system wiring and fault finding. The machine is fully protected with interlocks and complies with CE Regulations.





Pallet & product feed configurations

Other models in the Molenaar Palletizing range includes, magnetic (PM), robotic (PR) and gripper (PG) palletizers. Products such as bags, trays, cartons, balers, cans, crates, bottles and jars can be palletized by using different transfer types ranging from a single unit transfer to a double layer transfer. In addition to the palletizers, Molenaar also manufactures depalletizers and palletizer/depalletizer combinations.

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